



DELAWARE VALLEY  
UNIVERSITY

# TURF MANAGEMENT (B.S.)

*"These opportunities to physically do something outside in a hands-on manner, instead of just learning it in a classroom, have truly reinforced my desire to go into the field of turf management," Bryce Weber '18*

## ABOUT THE PROGRAM

The turf management major prepares students for careers in the turfgrass industry. Students take a combination of basic and applied science courses along with courses in management. There is currently a labor shortage in the turf industry, thus there is high demand for graduates and salaries are increasing. Dr. Doug Linde, the turf major advisor, teaches various turf courses and has many industry connections useful to students. He has a passion for preparing students for a career in the turf industry.

## CAREER OPPORTUNITIES

With 100 percent of our students having real-world, hands-on experience, graduates with a degree in turf management are employed in various turfgrass-related industries such as:

- Golf courses
- Sports fields
- Lawn care
- Sod farms
- Sales and service
- Research and consulting

## FACILITIES

- Turf research center
- Putting green
- Acres of sports fields and lawns
- 70+ golf courses and sports fields within one hour of campus

## THE EXPERIENCE360 PROGRAM

The Experience360 Program (E360) is central to a DelVal education and embraces a full range of activities and opportunities that will give you well-rounded experiences that can't be found anywhere else. This approach will prepare you for a life of meaningful work, service and career growth. Integrating knowledge and experience, you'll be prepared to put your skills into action as globally responsible citizens. One hundred percent of our students will gain real-world competencies through internships, career exploration, student research, study abroad, leadership development, community service or civic engagement.

Most students majoring in turf management graduate with three summers of paid work experience from at least two employers. Plus, many employers have official internship programs which they train, educate and help mentor you. This work experience is the main reason students have full-time jobs in the turf industry upon graduation.

## ABOUT DELVAL

Delaware Valley University, an independent, comprehensive university of more than 1,000 acres in Bucks and Montgomery counties, features individualized attention and emphasizes experiential and interdisciplinary learning. Located in Doylestown, Pennsylvania, DelVal offers more than 25 undergraduate majors, six master's programs, a doctoral program, and a variety of adult education courses.



DELAWARE VALLEY UNIVERSITY

Office of Admission

700 E. Butler Ave. Doylestown, PA 18901

1.800.2.DELVAL (800.233.5825) | delval.edu

[delval.edu/plant-science](http://delval.edu/plant-science)

# TURF MANAGEMENT

## TURF MANAGEMENT

### CURRICULUM

#### Freshman Year

##### First Semester

LAES 1120 - Sustainability: Saving the Earth and Feeding the People 3 credits  
CH 1103 - General Chemistry I 3 credits  
CH 1103L - General Chemistry I Laboratory 1 credit  
EN 1101 - English I 3 credits  
IT 1011 - Information Technology Concepts 1.5 credits  
IT 1012 - Computer Applications 1.5 credits  
FY 9900 - DelVal Experience I 1 credit  
MP 1102 - College Algebra 3 credits or  
MP 1203 - Elementary Functions 3 credits  
Total: 17 Credits

##### Second Semester

PS 4211 - Seminar (Agronomy) 1 credit  
CH 1203 - General Chemistry II 3 credits  
CH 1203L - General Chemistry II Laboratory 1 credit  
EN 1201 - English II 3 credits  
LA 2005 - Speech 3 credits  
FY 9901 - DelVal Experience II 1 credit  
MP 1203 - Elementary Functions 3 credits or  
MP 1204 - Calculus I 4 credits  
Total: 15-16 Credits

#### Sophomore Year

##### First Semester

LAES 2004 - Soils 3 credits  
LAES 2017 - Topographical Surveying & GIS 3 credits  
BY 1116 - Biological Science I 3 credits  
EN 2028 - Introduction to Literature 3 credits  
LA 4037 - Non-Western Societies 3 credits  
Total: 15 Credits

##### Second Semester

LAES 2209 - Soil Fertility and Fertilizers 3 credits  
Major Elective 3 credits  
Humanities Area 3 credits  
Social Science Area 3 credits  
Elective 3 credits  
Total: 15

#### Junior Year

##### First Semester

PS 3114 - Introduction to Turf Management 3 credits  
BA 2008 - Macroeconomics 3 credits  
EN 3051 - Professional Communication 3 credits  
PS 2101 - Botany of Vascular Plants 3 credits  
Major Elective 3 credits  
Total: 15 Credits

##### Second Semester

LAES 3220 - Watershed Management 3 credits  
PS 3230 - Turf Cultural Systems 3 credits  
PS 4211 - Seminar (Agronomy) 1 credit  
PS 2005 - Plant Physiology 3 credits  
Elective 3 credits  
Total: 13 Credits

#### Senior Year

##### First Semester

PS 3115 - Turf Pest Management 3 credits  
BA 3028 - Supervision and Management 3 credits  
Humanities Area 3 credits  
Major Elective 3 credits  
Elective 4 credits  
Total: 16 Credits

##### Second Semester

PS 4211 - Seminar (Agronomy) 1 credit  
PS 4230 - Case Studies in Turf Management 3 credits  
LA 1060 - Introduction to the Fine Arts 3 credits  
Major Elective 3 credits  
Electives 6 credits  
Total: 16 Credits

Social Science area select one of the following:

LA 2012 - Introduction to Sociology 3 credits  
PY 2036 - Introduction to Psychology 3 credits  
PY 4203 - Social Psychology and Human Interaction 3 credits

Humanities area select two courses from the following:

LA 2040 - Modern History of Western Societies 3 credits  
LA 2042 - Introduction to Philosophy 3 credits  
LA 2138 - History of Western Civilization I 3 credits  
LA 1032 - American History and Government Since 1877 3 credits  
LA 4127 - United States Foreign Policy 3 credits

Turf Management Electives

Take 12 credits from the following courses to fulfill the turf management requirements:

LAES 3105 - Soil Conservation 3 credits  
PS 3108 - Irrigation Technology 3 credits  
PS 4116 - Weed Science 3 credits  
LAES 4025 - Climatology 3 credits  
PS 4222 - Golf Course Design and Construction 3 credits  
BA 3027 - Human Resource Management 3 credits  
PS 4005 - Plant Pathology 3 credits  
LAES 2015 - Landscape Techniques 3 credits

This is a recommended course sequence. It is not a complete course listing and is subject to change.